

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059582.D
 Acq On : 20 Jul 2018 3:47
 Operator : VA/AP
 Sample : J4062-19
 Misc : 3.53g/5mL/MSVOA F/SOIL
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8

Quant Time: Jul 20 07:10:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

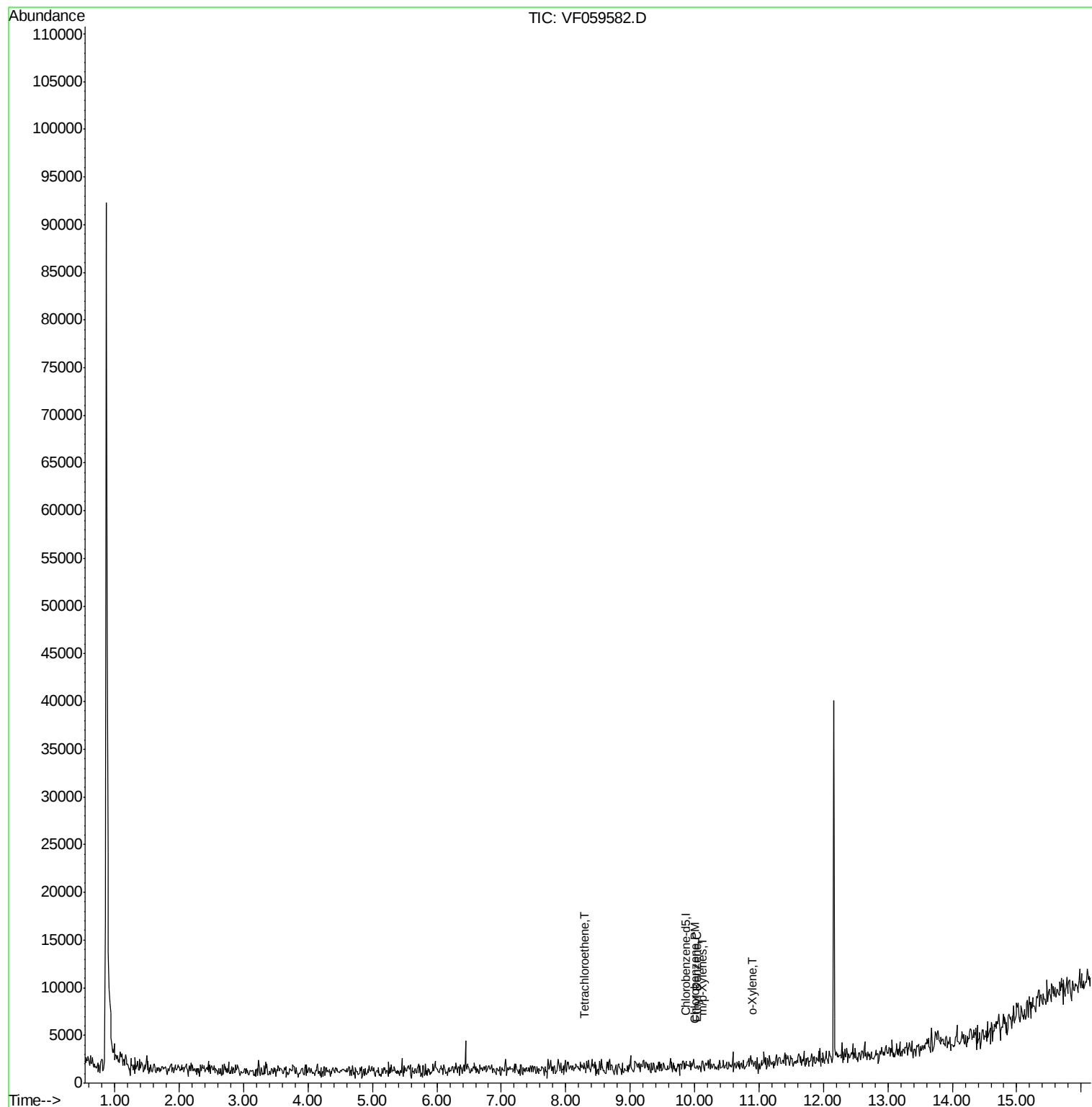
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.05
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.78
63) Chlorobenzene-d5	9.86	117	64	50.00	ug/l	-0.07
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.92	65	60	0.00	ug/l	-0.12
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.57	95	80	0.00	ug/l	0.05
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
64) Tetrachloroethene	8.29	164	60	125.89	ug/l #	1
65) Chlorobenzene	10.01	112	69	57.49	ug/l #	43
67) Ethyl Benzene	10.02	91	89	41.66	ug/l #	45
68) m/p-Xylenes	10.12	106	80	106.09	ug/l #	1
69) o-Xylene	10.90	106	176	219.19	ug/l #	1

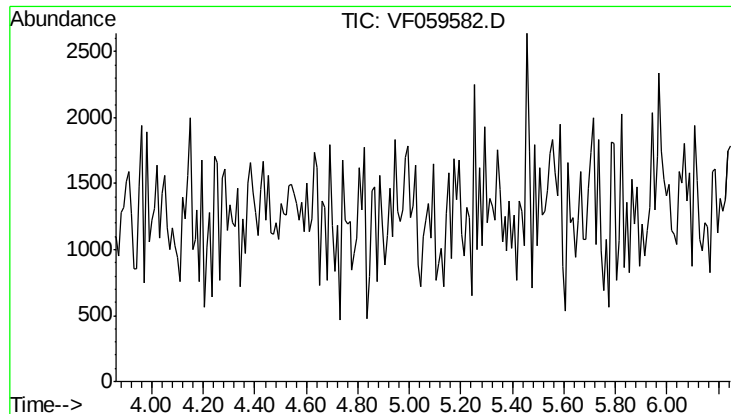
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
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#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF059582.D

Acq: 20 Jul 2018 3:47

Tot Ion: 168

Sig Exp Ratio

168 100

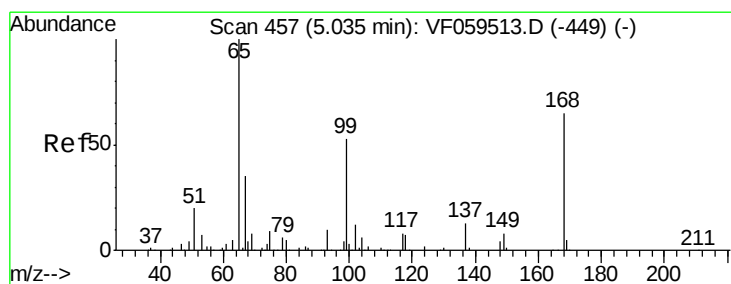
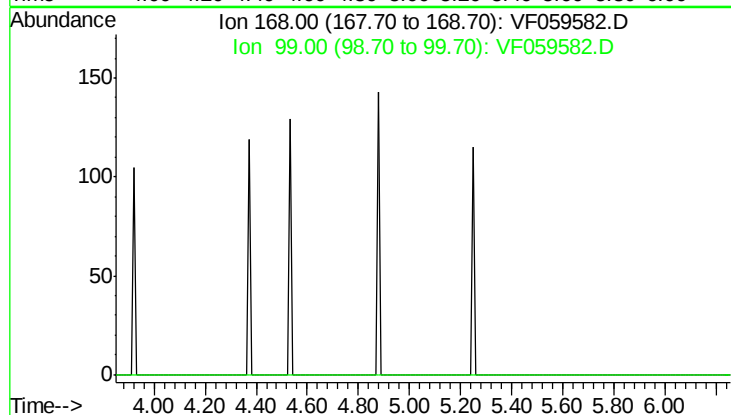
99 72.0

Instrument :

MSVOA_F

ClientSampleId :

TP-8



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 4.92 min Scan# 445

Delta R.T. -0.12 min

Lab File: VF059582.D

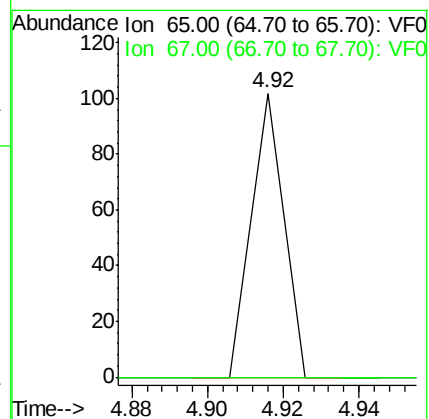
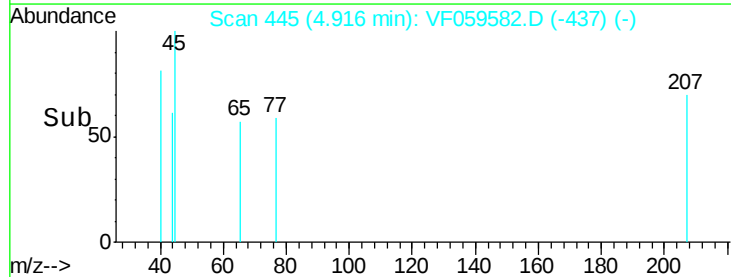
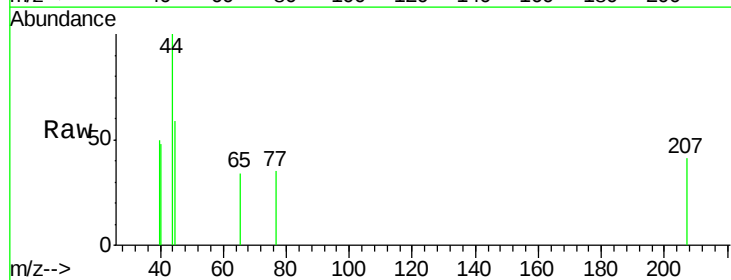
Acq: 20 Jul 2018 3:47

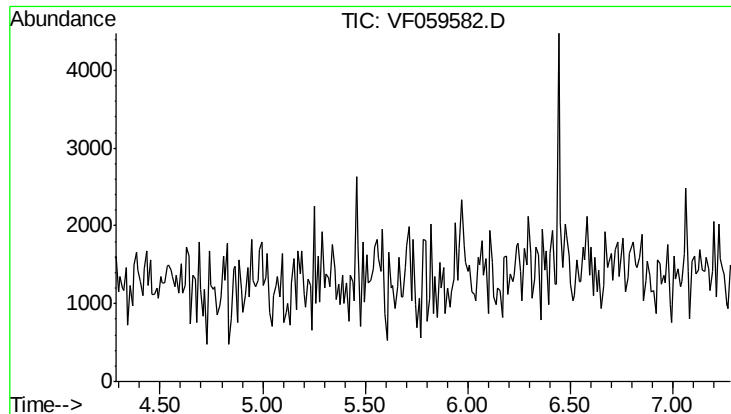
Tgt Ion: 65 Resp: 60

Ion Ratio Lower Upper

65 100

67 0.0 0.0 91.2





#34

1,4-Difluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.78 min

Lab File: VF059582.D

Acq: 20 Jul 2018 3:47

Instrument :

MSVOA_F

ClientSampleId :

TP-8

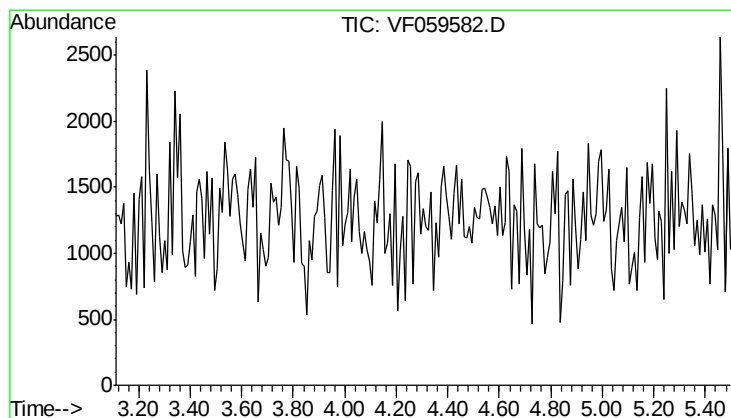
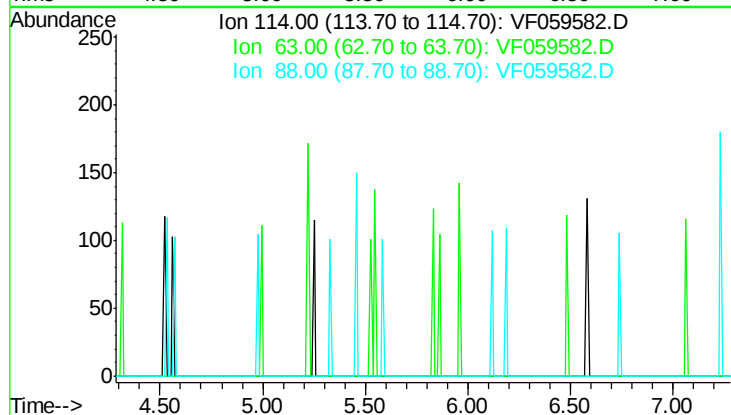
Tot Ion: 114

Sig Exp Ratio

114 100

63 22.4

88 21.3



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.31 min

Lab File: VF059582.D

Acq: 20 Jul 2018 3:47

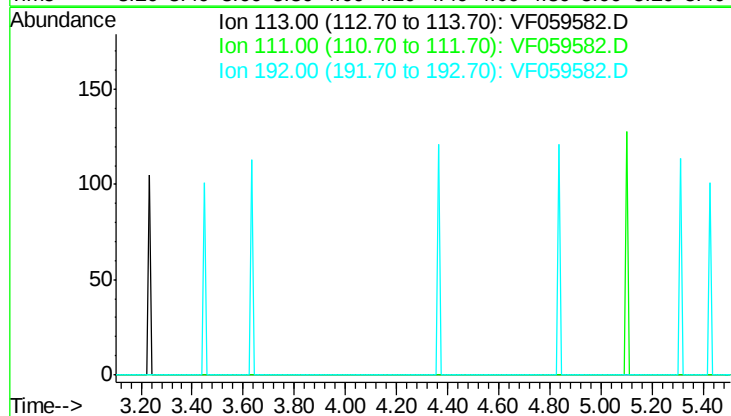
Tgt Ion: 113

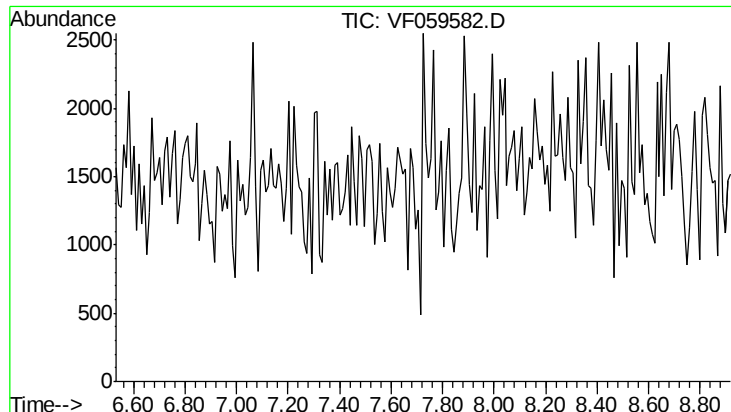
Sig Exp Ratio

113 100

111 100.4

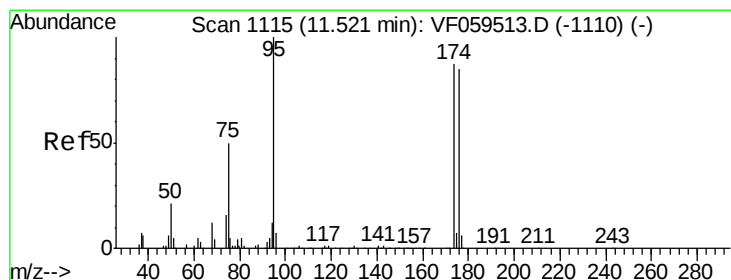
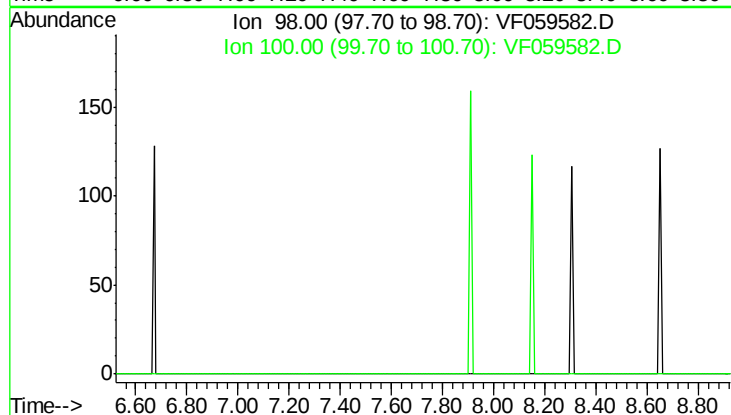
192 16.4





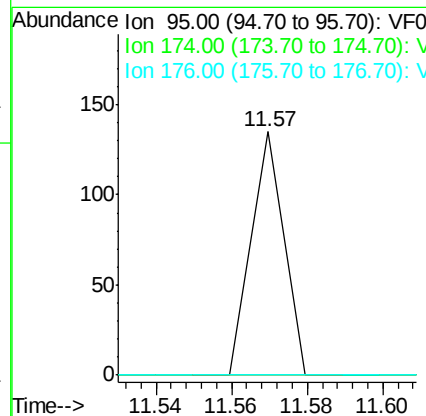
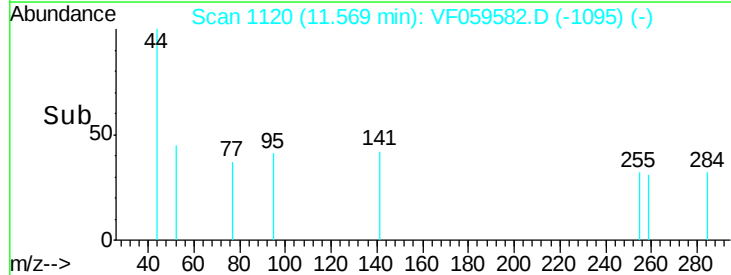
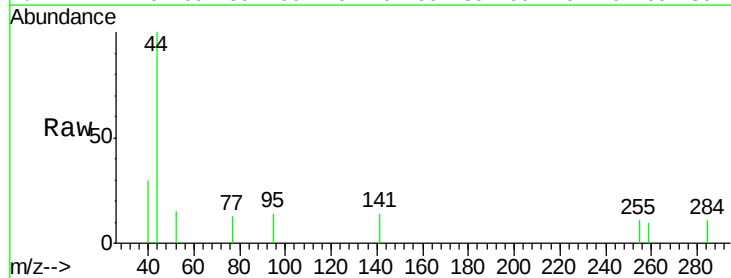
#50
 Toluene-d8
 Concen: 0.00 ug/l
 Expected RT: 7.73 min
 Lab File: VF059582.D
 Acq: 20 Jul 2018 3:47
 Tot Ion: 98
 Sig Exp Ratio
 98 100
 100 63.6

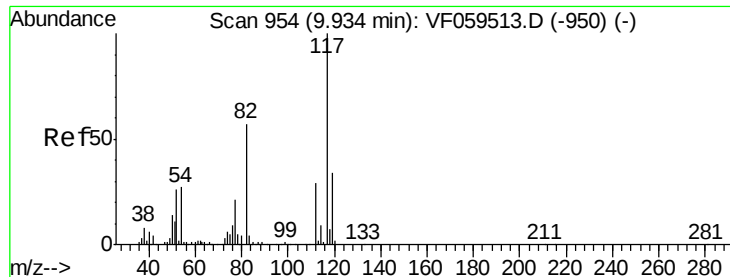
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8



#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 RT: 11.57 min Scan# 1120
 Delta R.T. 0.05 min
 Lab File: VF059582.D
 Acq: 20 Jul 2018 3:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	174.4
176	0.0	0.0	169.4

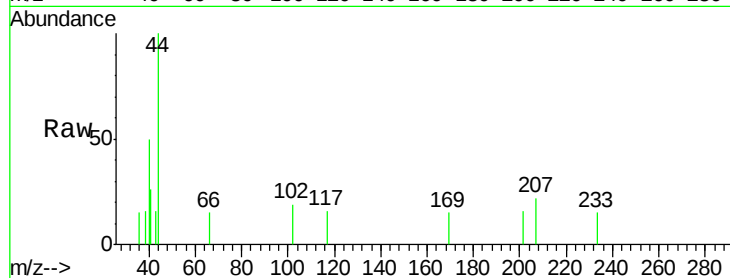




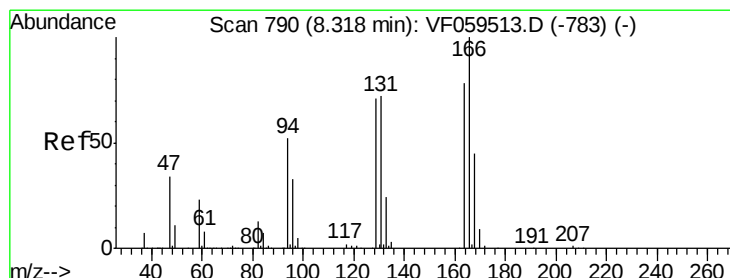
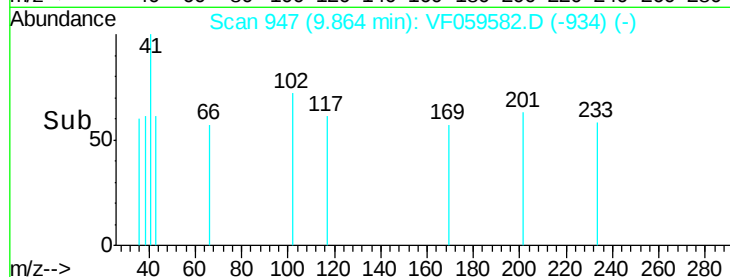
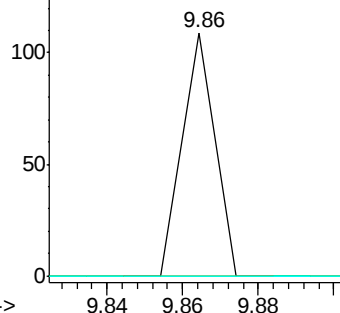
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.86 min Scan# 947
Delta R.T. -0.07 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

Instrument :
MSVOA_F
ClientSampled :
TP-8

Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	46.1	69.1#
119	0.0	27.2	40.8#

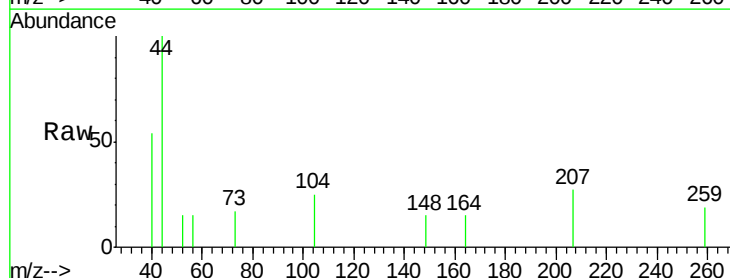


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

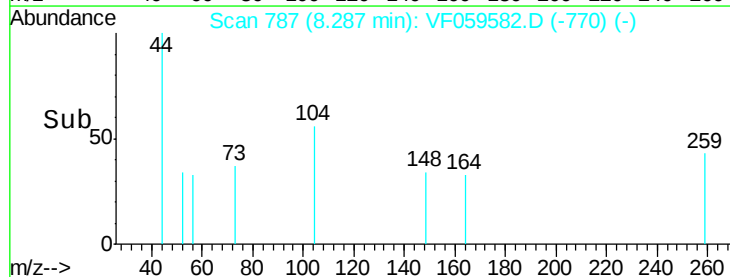
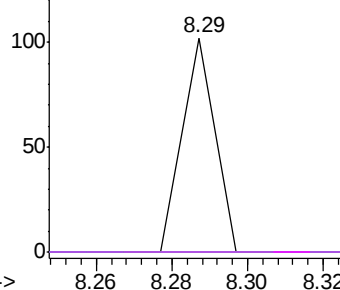


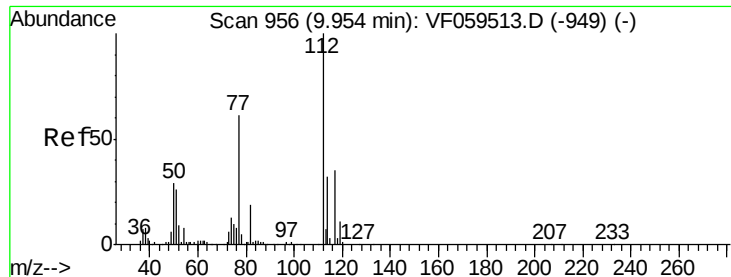
#64
Tetrachloroethene
Concen: 125.89 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.03 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.3	153.5#
129	0.0	72.4	108.6#
131	0.0	73.7	110.5#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

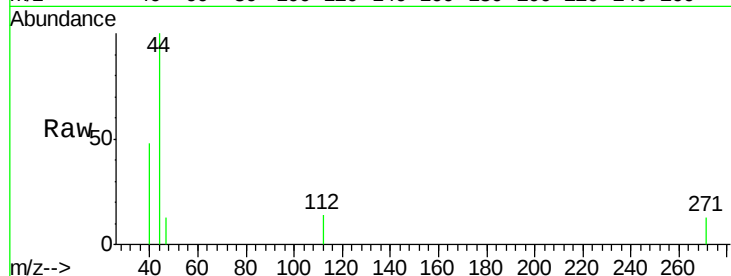




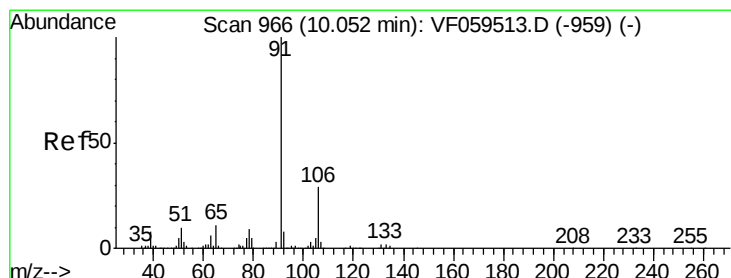
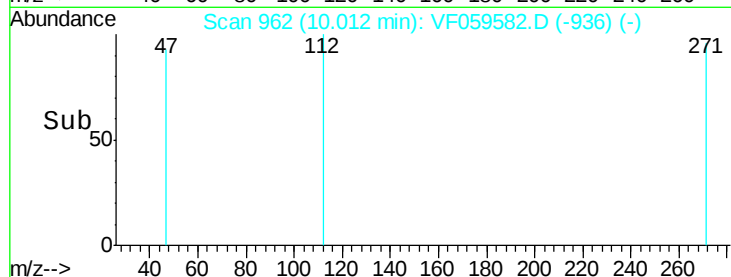
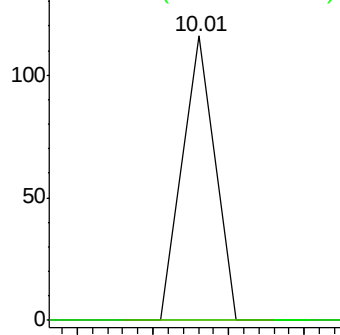
#65
Chlorobenzene
Concen: 57.49 ug/l
RT: 10.01 min Scan# 962
Delta R.T. 0.06 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

Instrument :
MSVOA_F
ClientSampled :
TP-8

Tot Ion:112 Resp: 69
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

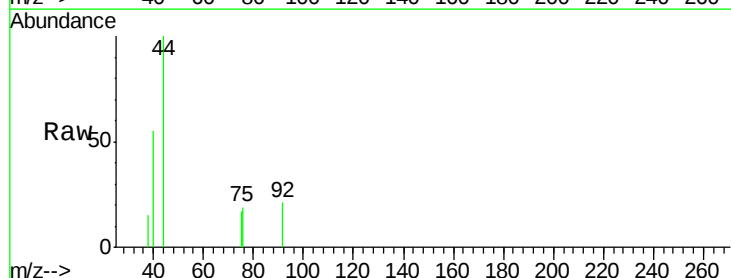


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V

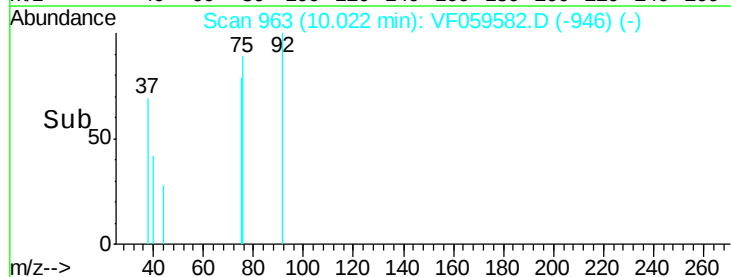
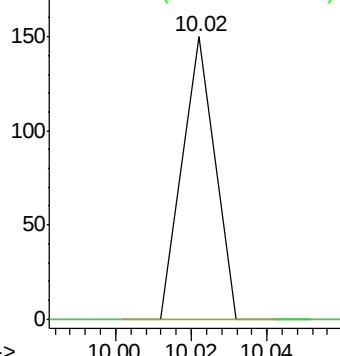


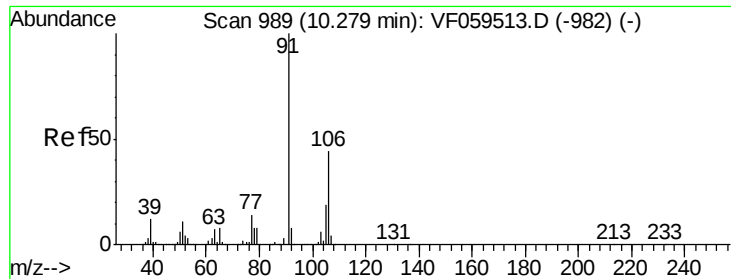
#67
Ethyl Benzene
Concen: 41.66 ug/l
RT: 10.02 min Scan# 963
Delta R.T. -0.03 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

Tgt Ion: 91 Resp: 89
Ion Ratio Lower Upper
91 100
106 0.0 23.4 35.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V

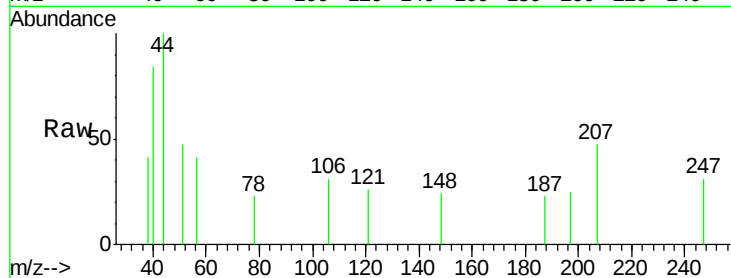




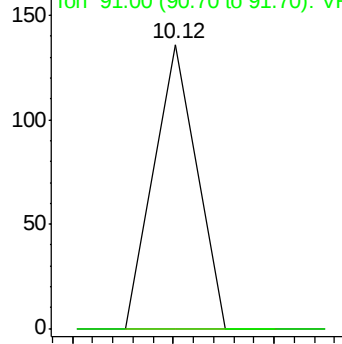
#68
m/p-Xylenes
Concen: 106.09 ug/l
RT: 10.12 min Scan# 973
Delta R.T. -0.16 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

Instrument :
MSVOA_F
ClientSampled :
TP-8

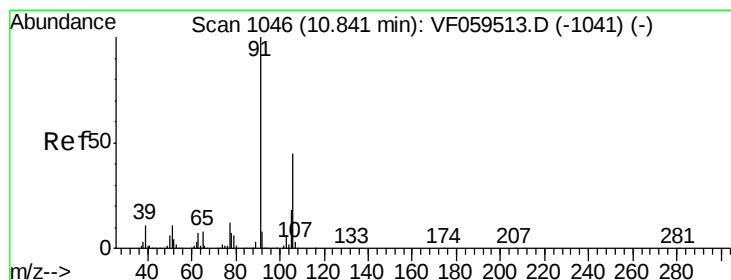
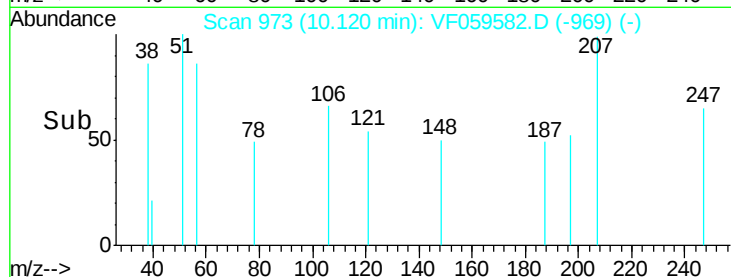
Tot Ion:106 Resp: 80
Ion Ratio Lower Upper
106 100
91 0.0 181.0 271.4#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

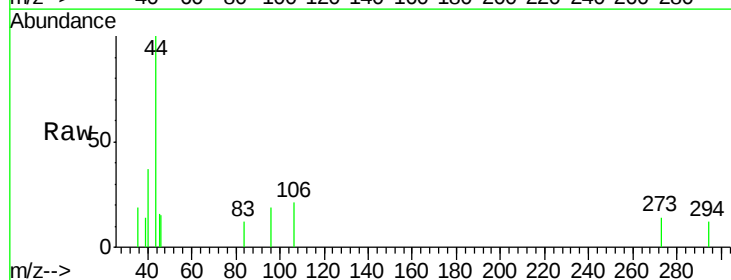


Time-->

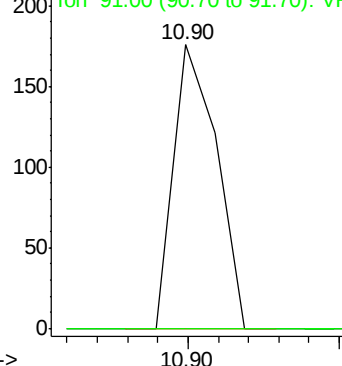


#69
o-Xylene
Concen: 219.19 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.06 min
Lab File: VF059582.D
Acq: 20 Jul 2018 3:47

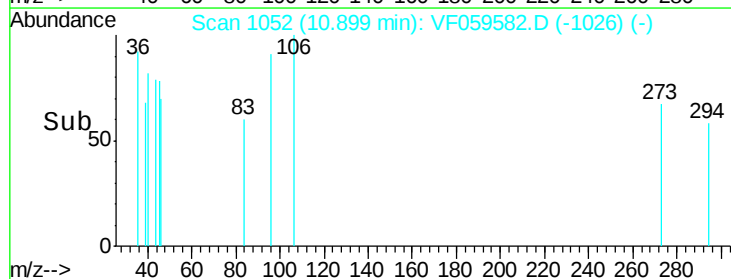
Tgt Ion:106 Resp: 176
Ion Ratio Lower Upper
106 100
91 0.0 112.3 336.9#

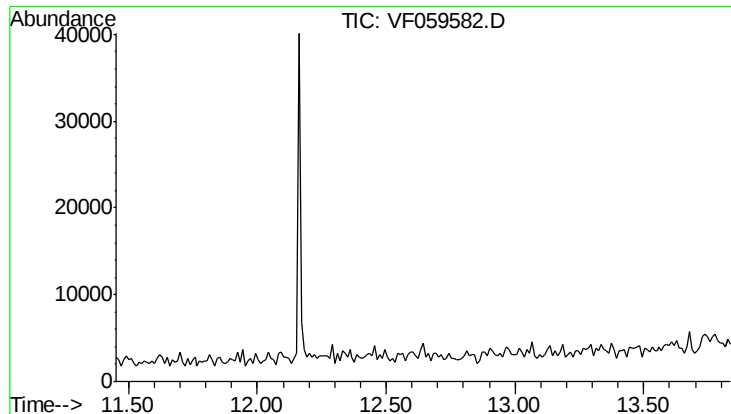


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0



Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ug/l
 Expected RT: 12.64 min
 Lab File: VF059582.D
 Acq: 20 Jul 2018 3:47

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 55.5
 150 159.2

